

94326

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Takashi YOKOYAMA et al.

Serial No.: 10/534,946

Filed: May 11, 2005

For: SILICON WAFER, ITS MANUFACTURING
METHOD, AND ITS MANUFACTURING
APPARATUS

)
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) Gerald T. Shekleton Reg. No. 27,466

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents is disclosed on the attached Form PTO-1449 that may be material to the examination of this application. The listed Documents are enclosed herewith.

No inferences should be drawn that the attached list represents a comprehensive investigation, or that any material disclosed is equivalent to the subject invention. In addition, none of the documents that have publication dates prior to the priority date of the above application anticipate the invention in this application.

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

The cited document(s) disclose numerous specific features. There has been no attempt to list each

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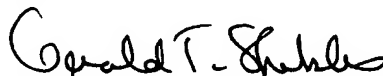
and every feature disclosed by each document. The Examiner is requested to review the document(s) and determine the extent of the materiality of the document disclosures with respect to the present invention.

The discussion of any art and the citation of any document(s) herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that the art or document disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and document(s) recited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application. The recitation herein of the art and document(s) is not to be construed as an assertion that more pertinent art could not possibly be in existence.

Respectfully submitted,

WELSH & KATZ, LTD.



Gerald T. Shekleton
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Dated: June 1, 2005

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/534,946
		Filing Date	May 11, 2005
		First Named Inventor	YOKOYAMA et al.
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	94326	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP 2001-278692	10/10/2001	Ryoji et al.		Abstract
		JP 2000-313695	11/14/2000	Toshio et al.		Abstract
		JP 2001-261495	09/26/2001	Kozo et al.		Abstract
		JP 8-330316	12/13/1996	Masataka et al.		Abstract
		JP 11-199387	07/27/1999	Hideki et al.		Abstract
		JP 11-79889	03/23/1999			No
		JP 2000-159594	06/13/2000	Kozo et al.		Abstract
		JP 5345679	04/24/1978			No
		JP 54-119375	09/17/1979	Sadao et al.		Abstract
		JP 56-21758	02/28/1981			No
		JP 63-319288	12/27/1988	Hirotooshi		Abstract
		JP 2-172884	07/04/1990	Tomohiko et al.		Abstract
		JP 6-16490	01/25/1994			No
		JP 6-56572	03/01/1994			No
		JP 5-319976	12/03/1993	Rintarou et al.		Abstract
		JP 7-89789	04/04/1995			No

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		De Kock et al.; "The Effect of Doping on the Formation of Swirl defects in Dislocation-Free Czochralski-Grown Silicon Crystals," <i>Journal of Crystal Growth</i> , Vol. 49, 1980, pp. 718-734.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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